OPTICON

Wireless Scanners

OPL2724

Barcode laser scanner

Bluetooth™

+ Related products

OPN2002
- Data Collector
- Pocket memory scanner
- USB, Bluetooth

OPL9712
- Data Collector
- Barcode laser scanner
- IrDA, Bluetooth

OPR3101
- Wireless device
- Barcode laser scanner
- Bluetooth

+ Basic Product Specifications

Operation
- CPU: 16-bit CISC

Memory
- FlashROM: 256 kB
- RAM: 32 kB SRAM

Operating indicators
- Visual: 1 LED (red/green/orange)
- Non-visual: Buzzer

Operating keys
- Entry options:
  1 scan key

Communication
- Bluetooth: Ver. 1.2, SPP, output power class 2, range up to 10 m, 1 to 1 connection, master/slave mode, authentication and encryption

Power
- Dry cell battery: 2 x AAA / LR3
- Operating time: Ca. 30 days (100 scan / 1 day), ca. 48 hours (1 scan / 5 sec)

Barcode scanner Optics
- Light source: 650 nm visible laser diode
- Scan rate: 100 scans/sec
- Trigger mode: Manual
- Reading pitch angle: -25 to 0º, 0 to +25º
- Reading skew angle: -50 to -8º, +8 to +50º
- Reading tilt angle: -20 to 0º, 0 to +20º
- Curvature: R>15 mm (EAN8), R>20 mm (EAN13)
- Min. resolution at PCS 0.9: 0.127 mm / 5 mil
- Min. PCS value: 0.45
- Depth of field: At PCS 0.9, Code 39
  70 - 185 mm / 2.76 - 7.28 in (1.0 mm / 39 mil),
  50 - 160 mm / 1.97 - 6.30 in (0.5 mm / 20 mil),
  50 - 120 mm / 1.97 - 4.72 in (0.25 mm / 10 mil),
  50 - 70 mm / 1.97 - 2.76 in (0.15 mm / 6 mil)

Supported Symbologies
- Barcode (1D): JAN/UPC/EAN incl. add on, Codabar/NW-7, Code 11, Code 39, Code 93, Code 128, GS1-128 (EAN-128), GS1 DataBar (RSS), IATA, Industrial 2of5, Interleaved 2of5, ISBN-ISMN-ISSN, Matrix 2of5, MSI/Plessey, S-Code, Telepen, Tri-Optic, UK/Plessey
- Postal code: Chinese Post, Korean Postal Authority code
- 2D code: Composite codes, MicroPDF417, PDF417

Durability
- Temperature in operation: -5 to 50 °C / 23 to 122 °F
- Temperature in storage: -10 to 60 °C / 14 to 140 °F
- Humidity in operation: 30 - 80% (non-condensing)
- Humidity in storage: 20 - 90% (non-condensing)
- Ambient light immunity: White 3,000 lx max, Fluorescent 3,000 lx max, Direct sun 50,000 lx max
- Drop test: 1.5 m / 5 ft drop onto concrete surface
- Protection rate: IP X2

Physical
- Dimensions (w x h x d):
  40 x 96 x 22 mm / 1.57 x 3.78 x 0.86 in
- Weight body: Ca. 50 g / 1.8 oz (excl. battery)
- Case: ABS, White

Regulatory & Safety
- Product compliance: CE, FCC, VCCI, RoHS, JIS-C-6802 Class 1, IEC 60825-1 Class 1, FDA CDRH Class I, R&TTE EN300 328, EN307 489

Copyright Opticon. All rights reserved. This information is subject to change without prior notice. For availability, contact your local representative.

- **The Netherlands:** Hoofddorp
- **France:** Issy Les Moulineaux
- **Germany:** Dietzenbach
- **Italy:** Castel Maggiore (BO)
- **Spain:** Valencia
- **Sweden:** Järfälla
- **United Kingdom:** Luton, Bedfordshire
- **U.S.A.:** Renton, WA
- **Japan:** Warabi City
- **Taiwan:** Taipei
- **P.R.China:** Shanghai
- **Australia:** Kariong
- **Brazil:** São Paulo

Opticon Sensors Europe B.V
European headquarters
Opaallaan 35
2132 XV Hoofddorp
The Netherlands
phone: +31 (0)23-5692700
fax: +31 (0)23-5638266
email: sales@opticon.com
internet: www.opticon.com

OPTICON

WWW.OPTICON.COM